

**AMENDMENTS TO THE CLAIMS**

The following listing of claims will replace all prior versions of claims in this application.

1. (Canceled)

2. (Currently Amended) An electronic map apparatus comprising:

~~data fetching means for fetching~~ media storing map data ~~from media for storing~~  
~~said map data~~ to be displayed as a map;

a display device for displaying ~~[[said]]~~ the map including areas having different colors representing different geographical areas in a perspective view in accordance with ~~[[said]]~~ the map data; and

a microcomputer for processing display data of an arc which is an equidistant curve from a center at a specified point on ~~[[said]]~~ the map and links points on ~~[[said]]~~ the perspective view at a constant distance corresponding to actual road distances from ~~[[said]]~~ the center equal to those on ~~[[said]]~~ the map,

wherein ~~[[said]]~~ the microcomputer ~~is configured to:~~

selectively displays the ~~display said~~ perspective view on ~~[[said]]~~ the display device, wherein in ~~[[said]]~~ the perspective view, ~~[[said]]~~ the arc of the equidistant curve is displayed as a border between two adjacent colors on the basis of ~~[[said]]~~ the arc's display data being superimposed on ~~[[said]]~~ the map ~~displayed on said display device;~~

~~wherein said microcomputer is configured to process processes~~ data of a plurality of arcs representing different geographical distances from ~~[[said]] the~~ center, ~~wherein~~ ~~[[and]]~~ the arcs are each superposed on ~~[[said]] the~~ map displayed in ~~[[a]] the~~ perspective view as ellipses;

~~wherein said microcomputer is configured to output outputs~~, in the perspective view, numbers each indicating a geographical distance from ~~[[said]] the~~ center to one of ~~[[said]] the~~ plurality of arcs and displays each of ~~[[said]] the~~ numbers at a location in close proximity to the circumference of ~~[[said]] the~~ plurality of arcs with a geographical distance thereof indicated by ~~[[said]] the~~ number;

~~wherein said microcomputer is configured to change changes~~ contraction of ~~[[said]] the~~ map displayed on ~~[[said]] the~~ display device in ~~[[said]] the~~ perspective view; and

~~wherein said microcomputer is configured to output outputs~~ a first character or a first symbol representing a first direction of ~~[[said]] the~~ map in close proximity to or on one of ~~[[said]] the~~ arcs.

3-5. (Canceled)

6. (Currently Amended) The electronic map apparatus according to claim 2, wherein:

~~[[said]] the~~ electronic map apparatus is a navigation apparatus mounted on a vehicle;

~~[[said]] the~~ specified point is the position of ~~[[said]] the~~ vehicle;

map data of a map including the position of the vehicle is read out from the media; and

the map is displayed in a the perspective view in accordance with the map data read out from the media.

7. (Currently Amended) The electronic map apparatus according to claim 2, wherein the specified point is a point on a map specified by a user.

8. (Currently Amended) The electronic map apparatus according to claim 2, wherein a second character or a second symbol representing a second direction is displayed at the specified point.

9. (Currently Amended) An electronic map display method comprising the steps of:

fetching map data from ~~predetermined~~ media for storing the map data to be displayed as a map;

displaying the map as areas having different colors representing different geographical distances on a display device in a perspective view in accordance with the map data;

displaying an arc, which is an equidistant curve from a center at a specified point on the map and links points on the perspective view at a constant distance corresponding to actual road distances from the center equal to those on the map, and selectively displaying the perspective view on the

display device, wherein in ~~[[said]]~~ the perspective view, ~~[[said]]~~ the arc of equidistant curve ~~being~~ is displayed as a border between two adjacent colors on the basis of ~~[[said]]~~ the arc's display data being superimposed on ~~[[said]]~~ the map ~~displayed on said display device;~~

displaying, in the perspective view, a plurality of arcs representing different geographical distances from ~~[[said]]~~ the center ~~and displaying the arcs on said map displayed in a perspective view,~~ the arcs being displayed as ellipses;

displaying, in the perspective view, numbers each indicating a geographical distance from ~~[[said]]~~ the center to one of ~~[[said]]~~ the arcs at a location in close proximity to the circumference of ~~[[said]]~~ the arc;

changing ~~[[said]]~~ the geographical distances from ~~[[said]]~~ the center to ~~[[said]]~~ the arcs and changing the number of ~~[[said]]~~ the arcs in accordance with a degree of contraction of ~~[[said]]~~ the map; and

outputting a first character or a first symbol representing a first direction of ~~[[said]]~~ the map in close proximity to or on one of ~~[[said]]~~ the arcs.

10-12. (Canceled)

13. (Currently Amended) The electronic map display method according to claim 9, wherein:

the position of a vehicle on which a navigation apparatus is mounted is specified as ~~[[said]]~~ the specified point;

map data of a map including ~~[[said]]~~ the position of ~~[[said]]~~ the vehicle is read out from ~~[[said]]~~ the media; and

~~[[said]]~~ the map is displayed in ~~[[a]]~~ the perspective view in accordance with ~~[[said]]~~ the map data read out from ~~[[said]]~~ the media.

14. (Currently Amended) The electronic map display method according to claim 9, wherein a point on ~~[[said]]~~ the map is specified by a user as ~~[[said]]~~ the specified point.

15. (Currently Amended) The electronic map display method according to claim 9, wherein a second character or a second symbol representing a second direction is displayed at ~~[[said]]~~ the specified point.

16. (Currently Amended) The electronic map apparatus according to claim 2, wherein a plurality of ~~[[said]]~~ the arcs are displayed so that the constant distance for each equidistant curve corresponding to actual road distance is changed in accordance with the perspective of the map being displayed ~~on the display device~~ in ~~[[said]]~~ the perspective view.

17. (Currently Amended) The electronic map display method according to claim 9, wherein a plurality of ~~[[said]]~~ the arcs are displayed so that the constant distance for each equidistant curve corresponding to actual road distance is changed in

accordance with the perspective of the map being displayed ~~on the display device~~ in  
[[said]] the perspective view.

18. (Currently Amended) The electronic map apparatus according to claim 2,  
wherein [[said]] the microcomputer ~~is configured to selectively display~~ displays a plane  
view on [[said]] the display device, wherein in [[said]] the plane view, a corresponding  
distance from the center of [[said]] the arc of equidistant curve is displayed on one of a  
plurality of [[said]] the arcs of equidistant curves.

19. (Currently Amended) The electronic map apparatus according to claim 2,  
wherein [[said]] the microcomputer modifies [[said]] the geographical distances from  
[[said]] the center to [[said]] the arcs and modifies the number of [[said]] the arcs in  
accordance with a degree of contraction of [[said]] the map.

20. (Currently Amended) The electronic map apparatus according to claim 2,  
wherein [[said]] the microcomputer changes ~~is configured to change~~ a color of [[said]]  
the arc into a supplementary color of a drawn portion to the distance display arc.

21. (Currently Amended) The electronic map display method according to  
claim 9, further comprising:

displaying a plane view on [[said]] the display device, wherein in [[said]] the plane  
view, a corresponding distance from the center of [[said]] the arc of equidistant curve is  
displayed on one of a plurality of [[said]] the arcs of equidistant curves.

22. (Currently Amended) The electronic map display method according to claim 9, further comprising:

displaying a plurality of arcs representing different geographical distances from [[said]] the center and displaying the arcs on [[said]] the map displayed in [[said]] the perspective view.

23. (Currently Amended) The electronic map display method according to claim 9, further comprising:

changing a color of [[said]] the arc into a supplementary color of a drawn portion to the distance display arc.